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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 41305/329477
INTERNATIONAL APPLICATION NO. PCT/US2004/041329	INTERNATIONAL FILING DATE 10 December 2004 (10.12.2004)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) To Be Assigned 107581840
TITLE OF INVENTION LIGANDS FOR I7L AS MODULATORS OF ORTHOPOX VIRUSES AND METHODS FOR DISCOVERY THEREOF		
APPLICANT(S) FOR DO/EO/US MJALLI, Adnan M.M., RAO, Mohan ARIMILLI, Murty, ROTHLEIN, Robert, and ANDREWS, Robert C.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. If known, see 37 CFR 1.5 To Be Assigned	INTERNATIONAL APPLICATION NO. PCT/US2004/041329	ATTORNEY'S DOCKET NUMBER 41305/329477	
20. Other items or information: Express Mail Certificate (EV 740 586 897 US), Return Postcard, & Statement Under 37 CFR 3.73(b) with attached Assignments			
The following fees are submitted:		CALCULATIONS PTO USE ONLY	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....\$300		\$ 300	
22. <input checked="" type="checkbox"/> Examination Fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US to the international preliminary examination report prepared By IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0		\$ 200	
All other situations\$200			
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US to the international preliminary examination report prepared By IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0			
Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority\$100		\$ 400	
International Search Report prepared by an ISA other than the US and provided in the Office or previously communicated to the US by the IB.....\$400			
All other situations\$500			
TOTAL OF 21, 22 and 23 =		\$ 900	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821 (c) or (e)..computer program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
112 - 100 =	12/50 =	50	x \$250
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	11 - 20 =	42	x \$50
Independent claims	9 - 3 =	6	x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360	\$
TOTAL OF ABOVE CALCULATIONS =		\$ 2150	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.		\$ 1075	
SUBTOTAL =		\$ 1075	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$	
TOTAL NATIONAL FEE =		\$ 1075	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ \$40	
TOTAL FEES ENCLOSED =		\$ 1115	
		Amount to be refunded:	\$
		Amount to be charged:	\$

10/581840

'AP9 Rec'd PCT/PTO 05 JUN 2006

Approved for use through 3/31/2007. OMB 0651-0021

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- a. A check in the amount of \$ _____ to cover the above fees is enclosed.
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NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.37(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 45826



SIGNATURE

Thomas Benjamin Schroeder

NAME

50,990

REGISTRATION NUMBER

10/581840
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Type of Document(s) : Transmittal Letter to the U.S.
Designated/Elected Office (DO/EO/US)
Concerning A Submission Under 35 U.S.C.
371 (*In Duplicate*);
Preliminary Amendment (6 Pages);
Executed Declaration of Mjalli,
Rao, Andrews, & Rothlein (4 Pages);
Executed Declaration of Arimilli (4 Pages);
Recordation Form Cover Sheet Patents Only
(*In Duplicate*);
Executed Assignment of Mjalli, Rao,
Andrews, & Rothlein (7 Pages);
Executed Assignment of Arimilli (7 Pages);
Executed Power of Attorney And
Correspondence Address Indication Form;
Statement Under 37 CFR 3.73(b) with
Attached Assignments;
Computer-Readable Form of the Sequence
Listing in Accordance with PCT Rule
13ter.2 and 37 CFR 1.821-1.825
Form PTO-2038, Credit Card Payment
Form, in the amount of \$1115.00; and
Return Postcard.

Serial No. : Unassigned

Filing Date : Herewith

I hereby certify that the documents identified above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner of Patents, PO Box 1450, Alexandria, VA 22313-1450.



(signature)
Toyce E. Southern